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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
JANUARY 8, 1993**

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REPORT**

SOUTH GROUNDWATER CONTAMINATION PLUME**WEEKLY REPORT**

January 8, 1993

Part 1 - Alternate Water Supply

Results for the additional sampling requested by Ohio Environmental Protection Agency (OEPA) for wells AWA-1 and AWA-2 were received on January 6, 1993. All data is within the expected limits, except for the Coliform analysis; both wells were found to be "Positive" for Coliforms. The results have been transmitted to the OEPA Division of Public Drinking Water for review and disposition.

Following OEPA approval to operate the well system, a 60-day acceptance period will be implemented prior to system turnover to Albright and Wilson Americas, as outlined in the DOE/AWA Release and Settlement Agreement of February, 1990.

Part 2 - Pump and Discharge

Part 2A pipeline installation is progressing. Design and procurement activities for the single NPDES monitoring facility are being expedited in order to avoid any impact.

The outfall cofferdam and pipeline (Part 2B1) are complete. Construction of the Oxygen Augmentation System (Part 2B2) is progressing. The Oxygen Augmentation System schedule will likely be impacted by late delivery of the blowers, but should not impact the overall Part 2 schedule.

The Delta Steel and Weber property condemnation packages were approved by DOE on January 4, 1993. The Webers have signed a temporary access agreement which allows the archaeological/historical survey to proceed and permits access to CSX property for initial recovery well field construction. The entire well field area (except Delta Steel property) survey is expected to be completed by early February, 1993.

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment (IAWWT) system to reduce uranium contaminant loading to the Great Miami River to a level less than 1,700 pounds per year.

The 90% design effort for the flocculation/clarification step upstream of the IAWWT(BDN-ETS) was submitted for review on January 7, 1993. Further testing of sand filtration has shown some promise, based on visual observations. Upon completion of sand filtration testing, a decision will be made to proceed with the pretreatment system (flocculation/clarification or sand filtration) which best suits the continued operation of the IAWWT(BDN-ETS) unit until the permanent Advanced Waste Water Treatment Facility is in operation.